

TABLE 14

Analytical Results for Indoor and Outdoor Air Samples Collected during February 1992

**Air Section
Livingston Rail Yard Remedial Investigation**

Study Area	Resident	Location	Sampler Number	Sample Type	Standard Volume	PCE (µg/m3)	TCE (µg/m3)	cis-1,2-DCE (µg/m3)	trans-1,2-DCE (µg/m3)
Background	BG-1	Basement	90	Primary	2.69	1.12	<0.19	<0.19	<0.19
Background	BG-1	Upstairs	64	Primary	2.61	1.19	<0.19	<0.19	<0.19
Background	BG-2	Basement	29	Primary	3.09	1.36	0.36	<0.16	<0.16
Background	BG-2	Upstairs	82	Primary	2.64	1.44	1.06	<0.19	<0.19
Background	BG-3	Basement	10	Primary	2.85	1.33	<0.18	<0.18	<0.18
Background	BG-3	Upstairs	119	Primary	2.66	1.47	0.19	<0.19	<0.19
Background	BG-3	Outdoor	120	Primary	2.72	1.47	<0.18	<0.18	<0.18
Background	BG-4	Basement	041-N	Primary	3.15	1.94	0.25	<0.16	<0.16
Background	BG-4	Upstairs	127-N	Primary	2.64	2.54	0.3	<0.19	<0.19
Background	BG-5	Basement	50	Primary	2.96	0.61	2.71	<0.17	<0.17
Background	BG-5	Upstairs	32	Primary	2.87	0.56	1.11	<0.17	<0.17
Northeast	NE-1	Basement	85	First Time	2.91	64.3	1.07	0.24	<0.17
Northeast	NE-1	Basement	043-N	Primary	3.02	70.2	1.42	0.4	<0.17
Northeast	NE-1	Outdoor	021-N	Primary	2.23	1.52	<0.22	<0.22	<0.22
Northeast	NE-2	Basement	5	Primary	2.69	18.9	0.45	<0.19	<0.19
Northeast	NE-2	Basement	89	Duplicate	2.62	17.2	0.31	<0.19	<0.19
Northeast	NE-2	Upstairs	43	Primary	2.48	5.73	0.24	<0.20	<0.20
Northeast	NE-3	Basement	51	Primary	2.63	8.56	1.98	<0.19	<0.19
Northeast	NE-3	Upstairs	83	Primary	2.67	13.7	3.33	<0.19	<0.19
Southeast	SE-1	Basement	104	Primary	2.69	3.35	<0.19	<0.19	<0.19
Southeast	SE-1	Upstairs	93	Primary	2.48	27	0.77	<0.20	<0.20
Southeast	SE-1	Upstairs	102	Duplicate	1.90	24.6	0.68	<0.26	<0.26
Southeast	SE-2	Basement	058-N	Primary	2.68	6.31	0.3	0.26	<0.19
Southeast	SE-2	Basement	014-N	Duplicate	2.62	6.87	0.31	0.27	<0.19
Southeast	SE-2	Upstairs	082-N	Primary	2.67	5.47	0.3	0.26	<0.19
Southeast	SE-3	Basement	66	Primary	2.73	1.39	0.22	<0.18	<0.18
Southeast	SE-3	Upstairs	52	Primary	2.73	1.43	<0.18	<0.18	<0.18
Southeast	SE-4	Basement	015-N	Primary	2.92	2.19	<0.17	<0.17	<0.17
Southeast	SE-4	Upstairs	58	First Time	2.71	3.84	1.62	<0.18	<0.18
Southeast	SE-4	Upstairs	094-N	Primary	2.81	5.2	1.71	<0.18	<0.18
Southeast	SE-5	Basement	001-N	Primary	3.15	43.2	2.35	<0.16	<0.16
Southeast	SE-5	Basement	030-N	Duplicate	2.14	51.4	1.45	<0.23	<0.23
Southeast	SE-5	Upstairs	117-N	Primary	2.22	11.3	0.9	<0.23	<0.23
Southeast	SE-6	Basement	47	Primary	2.73	1.4	0.22	<0.18	<0.18
Southeast	SE-6	Upstairs	26	Primary	2.77	1.63	0.22	<0.18	<0.18
Southeast	SE-7	Basement	19	Primary	2.80	1.11	0.21	<0.18	<0.18
Southeast	SE-7	Upstairs	14	Primary	2.12	1.23	<0.24	<0.24	<0.24

Southeast	SE-8	Basement	35	Primary	2.73	<1.83	0.29	0.22	0.22
Southeast	SE-8	Upstairs	61	Primary	2.64	1.02	0.49	0.23	<0.19
Southeast	SE-8	Upstairs	67	Duplicate	1.62	0.93	0.49	<0.31	<0.31